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- 21 [A case study on event dissemination in an active overlay network on](#)
Sergio Duarte, J. Legatheaux Martins, Henrique J. Domingos, Nuno Preguiç,
June 2003 DEBS '03: Proceedings of the 2nd international workshop on Dis-
based systems

Publisher: ACM

 Full text available: [Pdf](#) (1.80 MB) Additional Information: full citation, abstract, referer

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 38, Citation (

In this paper, we describe a case study of the design and development of a
conferencing tool suite, built on top of an overlay network based event
framework, which is extensible via quality of service template plug-ins.

Keywords: active networks, case study, event dissemination, multicast
networks, quality of service (QoS)

- 22 [Going wireless, enabling an adaptive and extensible environment](#)

February 2003 Mobile Networks and Applications, Volume 8 Issue 1

Publisher: Kluwer Academic Publishers

 Full text available: [Pdf](#) (483.21 KB) Additional Information: full citation, abstract, referer

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This paper discusses limitations in existing and projected solutions for ad
applications to mobile users (e.g., in 3G) in an increasingly diverse hetero
wireless infrastructure in combination with the on-going deregulation of
communication ...

Keywords: agents, context, scalability, service, wireless

- 23 [Resilient multicast using overlays](#)

Suman Banerjee, Seungjoon Lee, Bobby Bhattacharjee, Aravind Srinivasan
June 2003 SIGMETRICS '03: Proceedings of the 2003 ACM SIGMETRICS in-
conference on Measurement and modeling of computer systems

Publisher: ACM

 Full text available: [Pdf](#) (244.39 KB) Additional Information: full citation, abstract, referer
terms

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 83, Citation (

We introduce PRM (Probabilistic Resilient Multicast): a multicast data re- that improves data delivery ratios while maintaining low end-to-end late both a proactive and a reactive component; in this paper we describe h

Keywords: overlay multicast, randomized forwarding, resilience

Also published in:

June 2003 SIGMETRICS Performance Evaluation Review Volume 31 Issue 1

- 24 [On-demand multicast routing protocol in multihop wireless mobile ne](#)
December 2002 Mobile Networks and Applications , Volume 7 Issue 6
Publisher: Kluwer Academic Publishers


Full text available:  Pdf (248.93 KB) Additional Information: full citation, abstract, referer terms

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 229, Citation

An ad hoc network is a dynamically reconfigurable wireless network with infrastructure or central administration. Each host is mobile and must a Routing and multicasting protocols in ad hoc networks are faced with th

Keywords: ad hoc networks, mobile computing, multicast, routing

- 25 [Estimating membership in a multicast session](#)

 Sara Alouf, Eitan Altman, Ghadi Barakat, Philippe Nain

June 2003 SIGMETRICS '03: Proceedings of the 2003 ACM SIGMETRICS international conference on Measurement and modeling of computer systems
Publisher: ACM

Full text available:  Pdf (2.42 MB) Additional Information: full citation, abstract, referer terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 25, Citation

We propose two novel on-line estimation algorithms to determine the size of a multicast group. We first use a Wiener filter to derive an optimal estimation of the membership size of the session in case the join process is Poisson and t


Keywords: M/G/8 queue, Wiener filter, first-order linear filter, membership estimation, multicast applications, on-line estimation

Also published in:

June 2003 SIGMETRICS Performance Evaluation Review Volume 31 Issue 1

- 26 [An architecture for secure wide-area service discovery](#)

Todd D. Hodes, Steven E. Czerwinski, Ben Y. Zhao, Anthony D. Joseph, Ed March 2002 Wireless Networks , Volume 8 Issue 2/3
Publisher: Kluwer Academic Publishers

Full text available:  Pdf (365.68 KB) Additional Information: full citation, abstract, referer terms





Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 91, Citation

The widespread deployment of inexpensive communications technology resources in the networking infrastructure, and network-enabled end de interesting problem for end users: how to locate a particular network se

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